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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

25X1A

COUNTRY

Rumania

SUBJECT

Gheorghiu Dej Metallurgical Plant, Hunedoara

PLACE ACQUIRED
(BY SOURCE)

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SUPP. TO
REPORT NO.

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1. The "Gheorghiu Dej" (Zheordzhiyu Dezh) Metallurgical Plant in Hunedoara, Rumania, the largest metallurgical plant in the Balkan peninsula, has the following shops:

- a) Blast furnaces
- b) Steel shop
- c) Smelting Shop
- d) Steel cutting shop
- e) Pattern Shop
- f) Railroad freight station

The plant has five Siemens-Martin blast furnaces each with a diameter of six meters. During a 24-hour period, they smelt 400 tons of metal and produce 150 tons of iron. The plant has storage areas for ore imported from Czechoslovakia and USSR and for coal.

2. The steel shop consists of a Siemens-Martin openhearth furnace eight m long, six m wide, and eight m high. Three smaller furnaces, each four m long, five m wide, and six m high operate on scrap iron.
3. The steel cutting shop, located in a barrack 30 x 20 x 10 m, processes steel blooms two to four m in length and round stock eight to ten m in length.
4. The pouring shop has two of the same type furnaces.
5. The pattern shop is located in a one-story building.

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6. The railroad freight station has one thousand workers and contains a school for metallurgical workers.
7. The plant employs 10 thousand workers and three thousand military personnel. One hundred Soviet engineers and one German engineer are in the administrative section of the plant.
8. The working hours for office personnel are from 0700 to 1500 hours. Plant workers work in three shifts, which are from 0700 to 1500 hours, from 1500 to 2300 hours, and from 2300 to 0700 hours. The employees working and living conditions are poor. Most of the workers are treated as prisoners and are under the surveillance of the police. They live in wooden and unsanitary barracks.
9. Legend for the numbers in the diagram for the area of the "Gheorghiu Dej" Metallurgical Plant:
- 1) Twelve wooden barracks
 - 2) Nine wooden barracks
 - 3) Water tank, 10 x 15 m
 - 4) Underground water tank, 20 x 30 m, off-limits area
 - 5) Wooden house for the caretaker
 - 6) Downward slope which at the present time is being leveled for the construction of a coke plant
 - 7) Water tank, red sheet metal construction, height 20 m, diameter 20 m, water is used for cooling the blast furnaces
 - 8) Garden with trenches
 - 9) Twelve wooden barracks
 - 10) Stone Quarry
 - 11) Three groups of wooden barracks among the trees, used for military personnel, off-limits area
 - 12) Wooden sign-board, "Entrance forbidden from 0800 to 1700 hours"
 - 13) Old castle [Hunedoara Castle]
 - 14) Party headquarters
 - 15) Town Hall
 - 16) Militia [post]
 - 17) Seven wooden barracks for technicians operating the new coke plant
 - 18) Fifteen wooden barracks for workers
 - 19) Office for Communist Youth [Union of Working Youth]
 - 20) Firefighting Station
 - 21) Office of the guards
 - 22) Headquarters of the militia, (political prisoner cells with up to 40 centimeters of water), 35 x 15 m
 - 23) Library

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- 24) Plant Office
25) Plant Office
26) Technical School
27) Barracks and Offices
28) Warehouses for materials
29) Plant railroad station
30) Pattern Shop
31) Warehouses for iron rods
32) Not Listed
33) Four blast furnaces, diameter six m, equipped with 20-cm hoop, coke-fired
34) Five turbo-air-compressors
35) Pouring shop with two furnaces, each five m in diameter and 25 m high.
Each furnace has an ore elevator and a power shovel. Produces tubes,
five to 50 centimeters in diameter and eight meters long
36) Fire lookout tower, 40 m high
37) Open storage area for slag
38) Warehouse for iron
39) Steam furnace
40) Open storage area for coke
41) Four wooden barracks for workers
42) Storage areas
43) Warehouse for construction materials
44) Steel smelting shop. Four furnaces which operate with heavy oil
probably fuel oil and compressed air, produce 60 tons of steel
in 24 hours. Forge section produces pieces up to five m in length.
45) Three track locomotive yard with a roof
46) Railroad station with five lines [tracks]
47) Water tank Listed but not shown on diagram
48) Coal storage area Listed but not shown on diagram
49) Water tank for locomotives
50) Water tank for locomotives
51) Coal storage area
52) Warehouse for iron
53) Storage area for various materials
54) Warehouse for parts of furnaces
55) Warehouse for locomotive parts
56) Eight wooden sleeping quarters
57) Storage area for material imported from USSR

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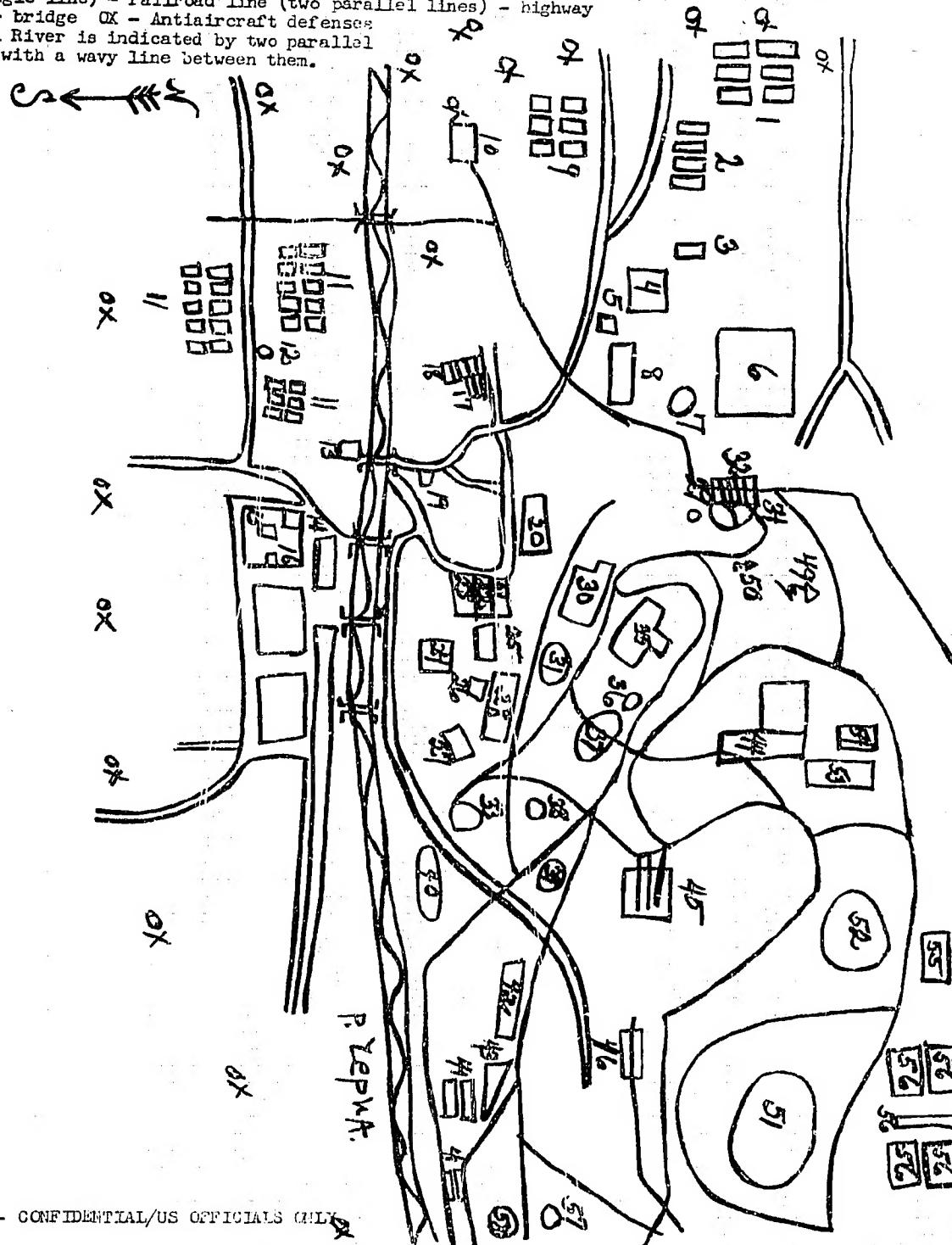
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58) Storage area for material imported from USSR

The antiaircraft defense posts consist of three batteries which are located in the plant area. Each of these posts is located in a ground entrenchment and is manned constantly by four-five military personnel. In addition to this, defense posts are located in the plant area. Two militiamen armed with submachine guns and pistols patrol the area during the night.

Legend for symbols in diagram of the area of the "Gheorghiu Dej" Metallurgical Plant:
 (single line) - railroad line (two parallel lines) - highway
 // - bridge OX - Antiaircraft defenses
 Cherna River is indicated by two parallel lines with a wavy line between them.



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